

### **ABSTRACT**

A lighting control system for managing utility operation parameters, including a ballast control module configured to communicate with a lighting ballast; a data processing module connected to the at least one ballast control module via a wireless communications link; and a wireless internet control center wirelessly connected to the ballast control module via the data processing module and arranged to operate a plurality of utility operation applications. The lighting control system may further include a plurality of repeaters connected to the data processing module. The communications link between the data processing module and the ballast control module is one of a local area network and a wide area network.